

## **An Improved Packing Box**

### **BACKGROUND OF THE INVENTION**

#### **1. Field of the Invention**

The present invention generally relates to an improved packing box, especially  
5 to the structure for at least one lifting cover member pivotally connecting the packing  
box.

#### **2. Description of the Prior Art**

The present invention generally relates to an improved packing box, especially  
to the structure for at least one lifting cover member pivotally connecting a box  
10 member of the present invention. A wall of the box member is internally set a line wall,  
which being shorter than a height of the wall, a thickness of the cover member is equal  
to a height difference of the wall and the line wall for the height of the cover member  
being as same level as a top of the box member while the cover member covering onto  
the box member. A frame board with lateral slots for inserting a beautiful drawing, a  
15 memorial photo or card is established on a top of the cover member and with a fluting,  
a flexible belt or a ribbon consolidates on lateral sides of the frame, or to put magnetic  
members on the cover member and the line wall for fastening by means of the belt or  
the ribbon, or to certainly fix the cover member on the packing box by way of  
magnetic force.

20 There are hundreds of types for packing boxes in style and structure. Such  
packing boxes may have cover members for the convenience of depositing, taking out  
and collecting objects, and the cover members are either separated from box members  
of the packing boxes or connected box members. Due to the problem of the cover  
member being easily lost, damaged, etc. for the type of the cover member separated  
25 from the box member, another type of the cover member connecting the box member  
is more popular. Packing box that tradition commonly see, construct dull spring very  
usually, hold and put among box wanting and transport as article or on presenting to

others, the cover member and the box member regular to paste with sticky tape, twines and ties up forming with the ribbon, and acceptor or user want and take out box article, must tear except that sticky tape or unties and takes the box member. Unload divided by sticky tape or ribbon or take out box member itself of article already that come 5 down. Namely is no longer worth using, can often be abandoned, increase the rubbish offal in vain, form the waste of resources too.

Have and supervise herein, case this create people to commonly use to cover member and box member fix the way trouble packing box, and box member use value getting clear shortcoming, and it engaged in various types of gift with pack apparatus 10 research and develop, produce abundant experience that work for many years accumulating, research improvement actively, through conceive, trial-produce, test, research and development course that revise, end under making proper and try out effect excellent finished product prove already, succeed in and develop and finish one incline integrative knuckle joint of cover member on box member top, cover member 15 on it overlays to be so fashionable that and box member top surface flat and neat, cover member top set up and can inlay illustration slice, photograph or frame board of card, board incline consolidation flexible department bring or ribbon or on cover member and box member relative position set up and have magnetism suck device on frame. According to with properly regular to positioning 'the improved packing box' 20 of the cover member and the box member, reach open and close regularly and conveniently, handsome in appearance and changeable, compose and symbolize the commemorative meaning of presenting theme, and can use repeatedly for a long time. Reserve value waits for persons who promote efficiency specifically.

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## SUMMARY OF THE INVENTION

The main objective of the present invention is to offer

Other and further features, advantages and benefits of the invention will become apparent in the following description taken in conjunction with the following drawings.

It is to be understood that the foregoing general description and following detailed description are exemplary and explanatory but are not to be restrictive of the invention. The accompanying drawings are incorporated in and constitute a part of this application and, together with the description, serve to explain the principles of the 5 invention in general terms. Like numerals refer to like parts throughout the disclosure.

### **BRIEF DESCRIPTION OF THE DRAWINGS**

The objects, spirits and advantages of the preferred embodiments of the present invention will be readily understood by the accompanying drawings and detailed 10 descriptions, wherein:

Fig. 1 is a structural sketch of a lifting state of the present invention.

Fig. 2 is a structural sketch of a covering state of the present invention.

Fig. 3 is a sketch of an oblique to which run from opposite directions pattern of a two-piece cover member of the present invention.

15 Fig. 4 is a sketch of a one-piece cover member of the present invention.

Fig. 5 is a structural sketch of a fastening ribbon belt of the present invention.

Fig. 6 is a structural sketch of a magnetic mechanism for fastening the two-piece cover member and a box member of the present invention.

### **DETAILED DESCRIPTION OF THE INVENTION**

For make expensive to examine committee member can have concrete understanding to structure characteristic and essence efficiency that create originally, Whether now cooperate by figure better to more implement by example elaboration like after, please don't consult sincerely:

Please refer to Fig. 1, the present invention has a line wall 11 located an interior wall of a box member 10, a height of the line wall 11 is less than a box mouth slightly, an integrative knuckle joint has two cover members 20, 21 body on the box mouth of the box member 10. The thickness for each cover member is equal to the height  
5 difference of the line wall 11 and the box mouth. Two cover members 20, 21 area sum up and equal to box mouth internal diameter area also, make the cover member 20, 21 cover on the box mouth, not merely can seal totally box mouth, cover surface is also as same height as a top surface of the box member 10 (refer to Fig. 2). A proper position  
10 of a top of the cover member 20 consists of one frame board 30, a side of the frame board 30 laterally engraves inlay trough 31. And the frame board 30 has of such a size fluting 32, must utilize and should inlay trough 31 for exquisite picture, photograph or card to inlaid and inserted. Whether it is picture, photograph or card can be clear to appear via the fluting 32. Another at a side of the frame board 30, an elastic fastening belt 40 is formed by means of normal elastic belt in order to the cover members 20, 21  
15 cover the box member 10. Utilize the elastic fastening belt 40 circle bunches of whole box member 10 only, reach properly regular to stamp form of equaling to the attitude, protect results of putting article held in the box effectively; Mat by structure in this way, lifting, covering and fastening for the cover members 20, 21 and the box member 10, Whether in operating and use the flexible, convenient, and the elastic fastening belt  
20 40 is consolidated on the side of the frame board 30 of the cover member 20 and can not separate from the whole packing box, so there is no supposition of losing and make the rubbish. Secondly, if the present invention being applied to and regarded as on presenting packing box of gift originally, a person who grant or two people, persons who grant and acceptor, take a group photo, inlay and insert at the frame board 30  
25 inside, it is or for granting person congratulation or thank for characters card of the contents that write in one's handwriting on the frame board 30. Receive present as acceptor, by frame photo or card characters content appeared on the frame board 30, can strengthen the theme of presenting increasingly (For example birthday, feel grateful, the kindred, friendship, etc.) meaning, it is rich extremely for reserve value.  
30 The present invention creates terse structure originally, beautiful modeling, and the whole member is without the consideration of separation, further that it can be used

repeatedly for a long time, not only does not make offal and waste resources, the situation, does still have meaning value of longing run and collecting!

Besides aforesaid box member structure that show, the cover member 20, 21 can be as Fig. 3 shows designed also originally, to adopt oblique to which run from 5 opposite directions pattern, when lifting and covering, it appears with implementing example different modeling aesthetic feeling while being aforesaid. Moreover, the cover member 20 excepts outside the two pieces of types of example aforesaid two implementation and can be as Fig. 4 showing as well, one piece of type for a cover member 22 can make the structure simplified further, the operation that opens and 10 close appears even more simple and easily. The belt member consolidated on two sides of the frame board 30 is except for the elastic fastening belt 40 with the enclosing type, and can also be as Fig. 5, plural suitable positions of two sides of the frame board 30 have consolidated with two ribbons 41, to utilize a bow is another embodiment of fastening the cover member 20, 21, also offering different occupation mode and whole 15 aesthetic feeling. In addition, the fastening ways for cover body 20, 21 (Or 22) with box member 10, can ground as Fig. 6, separately two magnets being mounted on two suitable positions of the top of the line wall 11 of the box member 10 and two magnetic pieces 51 being installed on two responsive positions of the cover member 20, 21, so can set up and fasten the cover member 20, 21 and the box member 10 20 directly, it offers to be simple and easy convenient operation utilization benefit. Moreover, create frame board have the 30 boards, can step forward even more originally, basis should packing box make use with use purpose is to set up and have three-dimensional relief ornament thing of form, can be according to increasing whole aesthetic feeling by a wide margin particularly.

25 In sum, the present invention is with clever thought structure of planning and reaches whole structure terse and exquisite packing box originally. Without package that will be separated, will operate and use simple and conveniently, the modeling is beautiful and graceful, and can insert and put the special photograph or card which commemorate the meaning, carry by a wide margin. As present affection that gift pack 30 transmit result and has reserve value not merely, can also be used repeatedly by the

long-term one, practical value is self-evident, and the structure in this way. It is similar to pack utensil had never known innovation is sincere to fill one possess person who progresses, person who improves and practical value for domestic and international workshop to be true. The present puts forward the new application for patent in  
5 accordance with the law.

Although this invention has been disclosed and illustrated with reference to particular embodiments, the principles involved are susceptible for use in numerous other embodiments that will be apparent to persons skilled in the art. This invention is, therefore, to be limited only as indicated by the scope of the appended claims.

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